

H&A-100-03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

A. HORIGUCHI et al.

Allowed: June 1, 2006

Serial No. 09/666,862

Group Art Unit: 2612

Filed: September 21, 2000

Examiner: N.V. Nguyen

For: SERVICE SYSTEM, INFORMATION PROCESSING SYSTEM AND  
INTERROGATOR

Customer No.: 24956

**INFORMATION DISCLOSURE STATEMENT (IDS)**  
**UNDER § 1.97 AND § 1.98**

**MAIL STOP: ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a Credit Card Payment Form in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

06/12/2006 HALI11 00000040 09666862

01 FC:1806

180.00 DP

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

3. Listing of the information submitted is on the attached Form(s) PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed for each foreign patent, for each publication or portion thereof that caused it to be listed, and for each pending unpublished U.S. application or portion thereof that caused it to be listed. No copy of a U.S. patent or U.S. patent application publication is needed unless required by the PTO. A copy of a document is also not needed when previously submitted or previously cited by the PTO in a prior application to which the present application claims a benefit under 35 U.S.C. § 120.

4. The undersigned hereby states:

☒ (b) that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in § 1.56(c) more than three months prior to the filing of this IDS.

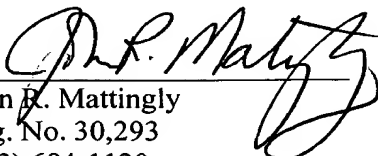
5. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

6. No explanation of relevancy is being provided for the following document(s) because each is either in the English language, discussed in the present Specification, or its relevance is as stated in a communication from a foreign patent office in a counterpart foreign application.

7. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By   
John R. Mattingly  
Reg. No. 30,293  
(703) 684-1120

JRM/so

Date: June 9, 2006

# **FREE TRANSMITTAL** **for FY 2005**

Effective 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**TOTAL AMOUNT OF PAYMENT (\$)** 180.00

## **Complete if Known**

Application Number **09/666,862**  
 Filing Date **September 21, 2000**  
 First Named Inventor **A. HORIGUCHI**

Attorney Docket No. **H&A-100-03**

## **METHOD OF PAYMENT (check all that apply)**

☐ Check ☒ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit

Account

Number

Deposit

Account

Name

**50-1417**

**MATTINGLY, STANGER & MALUR, P.C.**

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application.

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## **FEE CALCULATION**

### **1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1011	300	2011	150	Utility filing fee	
1012	200	2012	105	Design filing fee	
1013	200	2013	100	Plant filing fee	
1014	300	2014	150	Reissue filing fee	
1005	200	2005	100	Provisional filing fee	
1111	500	2111	250	Utility Search fee	
1112	100	2112	50	Design Search fee	
1113	300	2113	150	Plant Search fee	
1114	500	2114	250	Reissue Search fee	
1311	200	2311	100	Utility Ex. fee	
1312	130	2312	65	Design Ex. fee	
1313	160	2313	80	Plant Ex. fee	
1314	600	2314	300	Reissue Ex. fee	
<b>SUBTOTAL (1)</b>					<b>0.00</b>

### **2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

L. EXTRA CLAIMS FEES FOR CLAIMS IN EXCESS OF 20				Fee from below		Fee Paid
		Extra Claims				
Total Claims		-20 =	x	50	=	
Indep. Claims		-3 =	x	200	=	
Multiple Dependent				360	=	
Large Entity		Small Entity		Fee Description		
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
1202	50	2202	25	Claims in excess of 20		
1201	200	2201	100	Independent claims in excess of 3		
1203	360	2203	180	Multiple dependent claim, if not paid		
1204	200	2204	100	** Reissue independent claims over original patent		
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2) \$					0.00	

\*\*or number previously paid, if greater; For Reissues, see above.

## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	2053	130	Non-English specification	
1081	250	2081	125	Utility Application Size fee - for each 50 over 100	
1082	250	2082	125	Design Application Size fee - for each 50 over 100	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examination action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable	
1453	1,500	2453	750	Petition to revive - unintentional	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1,100	2503	550	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	180
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application.	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

**180.00**

## **SUBMITTED BY**

## **Complete (if applicable)**

Name (Print/Type)	John R. Mattingly	Registration No. (Attorney/Agent)	30,293	Telephone	(703) 684-1120
Signature	<i>John R. Mattingly</i>			Date	June 9, 2006

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is in the public interest. The information is required to be submitted to the PTO to process an application. Confidentiality is guaranteed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is exempted to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this collection of information should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9100 and select option

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
H&A-100-03SERIAL NO.  
09/666,862APPLICANT  
A. HORIGUCHI et al.FILING DATE  
September 21, 2000GROUP  
2612

## BEST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL	06-297887	10/25/1994	Japan (abstract)			<input type="checkbox"/>	<input type="checkbox"/>
AM	10-247229	09/14/1998	Japan (abstract)			<input type="checkbox"/>	<input type="checkbox"/>
AN						<input type="checkbox"/>	<input type="checkbox"/>
AO						<input type="checkbox"/>	<input type="checkbox"/>
AP						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

AR		
AS		
AT		

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.